Peak District National Park

Forecast valid from 00:00 on Sunday 10 Apr 2022 until 23:59 on Monday 11 Apr 2022

Forecast Issued on Saturday 09 Apr 2022 at 15:33

Confidence: High for a largely settled end to the weekend. Low for detail around weather systems early next week.

Headline for Sunday 10 Apr 2022: A frosty start, remaining cool but largely settled with sunny intervals.

Mountain weather hazards on Sunday 10 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	10%	20%

Forecast for Sunday 10 Apr 2022

Weather: A cold start to Sunday with a widespread frost. This will soon thaw after sunrise, with sunny intervals for much of the morning and afternoon. Cool through much of the day with light winds, though a little breezy at summits. Cloud thickening into the evening, perhaps with the odd outbreak of light rain after dark.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Any cloud well above summits, with clear views of distant summits at all times.

Forecast for Sunday 10 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 SW	8/11 SW	6/8 SW	7/10 SW	8/13 SW	8/13 SW	7/11 S	10/15 SE	14/19 SE
300	5/7 SW	4/5 SW	3/5 S	4/7 SW	8/13 SW	7/12 SW	5/9 SE	9/15 SE	9/16 SE
Valley	3/6 S	3/5 SE	3/5 SE	2/6 SW	6/12 SW	6/12 SW	3/8 SE	7/15 E	8/16 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-4	-0/-4	-0/-4	2/-1	4/1	6/3	5/3	4/0	4/-1
300	2/-0	1/-1	1/-1	4/3	7/4	8/6	8/7	7/4	6/3
Valley	0/-1	-0/-2	1/-1	5/4	8/6	10/8	9/8	7/5	6/4
Freezing Level*	500m	400m	500m	600m	600m	800m	900m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Layers advised due to very cold start to the day. Frosty underfoot initially. Feeling milder in shelter in the late morning and early afternoon, but remaining cold near summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 09 Apr 2022	17mm	17.4mm	22.4mm

Forecast for Monday 11 Apr 2022

Weather: A likely dry but cloudy morning. Showers probable during the afternoon, these originating from high based cloud. Showers could be briefly heavy. Milder than previous days/nights, though still feeling cold as winds become strong and it remains overcast.

Maximum wind: Southeasterly 30mph gusting to 50mph.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Generally very good visibility with cloud bases remaining well above hilltops. Becoming briefly moderate in any rain/showers.

Temperature: **Valleys:** Plus 4 becoming plus 10
At 600m: Plus 3 becoming plus 8
Freezing level: Above summits.